

Claims:

1. A towed decoy arrangement for a craft (20) comprising a decoy (21) towed by the craft, c h a r a c t e r i s e d in that it comprises
5 on the craft
an antenna (1) for receiving threatening signals, such as radar pulses,
an analysis and noise signal generating device (2, 3, 4) which generates a noise signal and converts the same up to a frequency which is rapidly attenuated in air and
10 an antenna (5) for transmitting said noise signal to the towed decoy and in the decoy
an antenna (6) receiving the signal from the antenna (5) of the craft,
a device (7, 8, 9, 10, 11, 12) transforming the received signal into a noise signal by shifting it to the frequency of the threatening signal and amplifying it and,
15 an antenna (13) transmitting the noise signal in the direction of the source of the threat signal.
2. A towed decoy arrangement as claimed in claim 1, c h a r a c t e r i s e d in that the analysis and noise signal generating device (2, 3, 4) consists of the
20 jamming equipment of the aircraft for inherent jamming.
3. A towed decoy arrangement as claimed in claim 1 or 2, c h a r a c t e r - i s e d in that the noise signal between craft and decoy is higher than 58 GHz.
- 25 4. A towed decoy arrangement as claimed in claim 3, c h a r a c t e r i s e d in that the noise signal between craft and decoy is 77 ± 5 GHz.
5. A method of improving a towed decoy arrangement for a craft (20), comprising a decoy (21) towed by the craft and having equipment for receiving threatening
30 signals, such as radar pulses, for analysing the same and generating a noise signal and for transmitting the noise signal, c h a r a c t e r i s e d in that the craft is provided with
an antenna (1) for receiving the threatening signals,
an analysis and noise signal generating device (2, 3, 4) generating a noise
35 signal and converting the same up to a frequency which is rapidly attenuated in air, and

an antenna (5) for transmitting said noise signal to the towed decoy and the decoy is supplemented with

an antenna (6) receiving the signal from the antenna (5) of the craft,

a device (7, 8, 9, 10, 11, 12) which transforms the received signal into a noise

5 signal by shifting it to the frequency of the threatening signal, which is fed to the existing decoy transmitter (12) with an antenna (13) for transmitting the noise signal in the direction of the source of the threat signal.

6. A method as claimed in claim 5, c h a r a c t e r i s e d in that the analysis
10 and noise signal generating device (2, 3, 4) consists of the jamming equipment of the aircraft for inherent jamming.

7. A method as claimed in claim 5 or 6, c h a r a c t e r i s e d in that the
noise signal between craft and decoy is selected to be higher than 58 GHz.

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8. A method as claimed in claim 7, c h a r a c t e r i s e d in that the noise signal between craft and decoy is selected to be 77 ± 5 GHz.